

=====

Sequence Listing was accepted.

If you need help call the Patent Electronic Business Center at (866) 217-9197 (toll free).

Reviewer: Durreshwar Anjum

Timestamp: [year=2010; month=7; day=22; hr=12; min=27; sec=7; ms=787; ]

=====

Application No: 10580601 Version No: 2.0

**Input Set:**

**Output Set:**

**Started:** 2010-07-16 14:43:32.916  
**Finished:** 2010-07-16 14:43:34.889  
**Elapsed:** 0 hr(s) 0 min(s) 1 sec(s) 973 ms  
**Total Warnings:** 6  
**Total Errors:** 0  
**No. of SeqIDs Defined:** 8  
**Actual SeqID Count:** 8

Error code	Error Description
W 213	Artificial or Unknown found in <213> in SEQ ID (1)
W 213	Artificial or Unknown found in <213> in SEQ ID (2)
W 213	Artificial or Unknown found in <213> in SEQ ID (3)
W 213	Artificial or Unknown found in <213> in SEQ ID (4)
W 213	Artificial or Unknown found in <213> in SEQ ID (5)
W 213	Artificial or Unknown found in <213> in SEQ ID (8)

SEQUENCE LISTING

<110> AUSTEN, MATTHIAS  
BURK, ULRIKE

<120> METHOD FOR PREVENTING AND TREATING DIABETES USING NEURTURIN

<130> WEICKM-0058

<140> 10580601  
<141> 2010-07-16

<150> PCT/EP04/13534  
<151> 2004-11-29

<150> EP 03027383.3  
<151> 2003-11-27

<160> 8

<170> PatentIn version 3.5

<210> 1  
<211> 21  
<212> DNA  
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic  
mDG770 transgene specific forward primer

<400> 1

tgctatatctgt ctggatgtgc c

21

<210> 2  
<211> 21  
<212> DNA  
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic  
mDG770 transgene specific reverse primer

<400> 2

aaggacacacct cgtcctcata g

21

<210> 3  
<211> 21  
<212> DNA  
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic  
mDG770-1 forward primer

<400> 3	
gcctatgagg acgagggtgtc c	21
<210> 4	
<211> 19	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Description of Artificial Sequence: Synthetic	
mDG770 reverse primer	
<400> 4	
agctcttgca gcgtgtgg	19
<210> 5	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Description of Artificial Sequence: Synthetic	
mDG770 probe	
<400> 5	
tcctggacgt gcacagccgc	20
<210> 6	
<211> 594	
<212> DNA	
<213> Homo sapiens	
<400> 6	
atgcagcgct ggaaggccgc ggccttggcc tcagtgtctc gcagctccgt gctgtccatc	60
tggatgtgtc gagagggcct gcttctcagc caccgcctcg gacctgcgct ggtccccctg	120
caccgcctgc ctgcgaaccct ggacgcccgg attgcccccc tggcccagta ccgtgcactc	180
ctgcagggggg ccccgatgc gatggagctg cgcgagctga cgcctgggc tggggccggccc	240
ccaggtccgc gccgtcgggc gggggccccgg cggcggcgcg cgcgtgcgct gttggggggcg	300
cggccttgcg ggctgcgcga gctggaggtg cgcgtgagcg agctgggcct gggctacgcg	360
tccgacgaga cggtgctgtt ccgcgtactgc gcaggccct gcgaggctgc cgcgcgcgtc	420
tacgacacctg ggctgcgcacg actgcgcacag cggcggccgc tgccggccggaa gccccgtgcgc	480
cgccagccct gctgcgcgcc gacggccctac gaggacgagg tgccttccct ggacgcgcac	540
agccgctacc acacggtgca cggactgtcg gcgccgcgact ggcctgcgt gtga	594

<210> 7  
<211> 197  
<212> PRT  
<213> Homo sapiens

<400> 7  
Met Gln Arg Trp Lys Ala Ala Ala Leu Ala Ser Val Leu Cys Ser Ser  
1 5 10 15

Val Leu Ser Ile Trp Met Cys Arg Glu Gly Leu Leu Leu Ser His Arg  
20 25 30

Leu Gly Pro Ala Leu Val Pro Leu His Arg Leu Pro Arg Thr Leu Asp  
35 40 45

Ala Arg Ile Ala Arg Leu Ala Gln Tyr Arg Ala Leu Leu Gln Gly Ala  
50 55 60

Pro Asp Ala Met Glu Leu Arg Glu Leu Thr Pro Trp Ala Gly Arg Pro  
65 70 75 80

Pro Gly Pro Arg Arg Ala Gly Pro Arg Arg Arg Ala Arg Ala  
85 90 95

Arg Leu Gly Ala Arg Pro Cys Gly Leu Arg Glu Leu Glu Val Arg Val  
100 105 110

Ser Glu Leu Gly Leu Gly Tyr Ala Ser Asp Glu Thr Val Leu Phe Arg  
115 120 125

Tyr Cys Ala Gly Ala Cys Glu Ala Ala Ala Arg Val Tyr Asp Leu Gly  
130 135 140

Leu Arg Arg Leu Arg Gln Arg Arg Leu Arg Arg Glu Arg Val Arg  
145 150 155 160

Ala Gln Pro Cys Cys Arg Pro Thr Ala Tyr Glu Asp Glu Val Ser Phe  
165 170 175

Leu Asp Ala His Ser Arg Tyr His Thr Val His Glu Leu Ser Ala Arg  
180 185 190

Glu Cys Ala Cys Val  
195

<210> 8  
<211> 16  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: Synthetic  
oligonucleotide

<400> 8  
ttttttttt tttttt

16